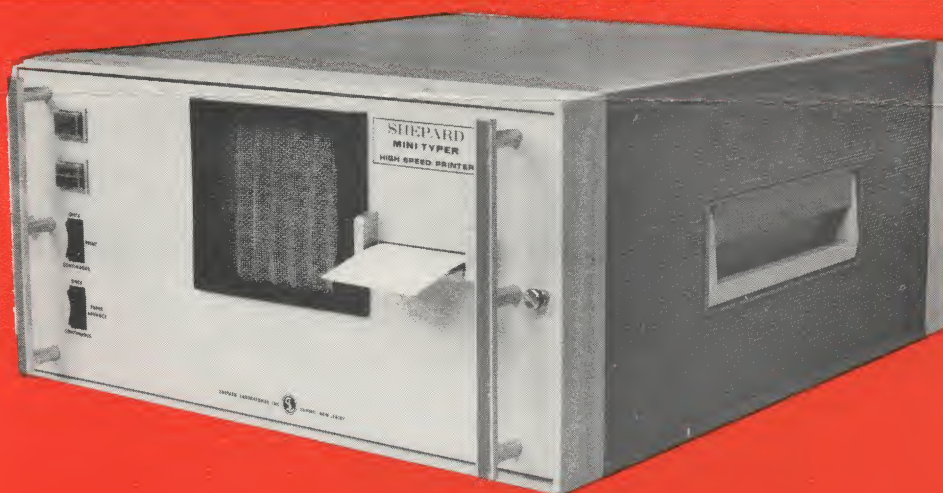


SHEPARD LABORATORIES, INC.

PIONEERS IN

HIGH-SPEED PRINTERS

INTRODUCE HIGH PERFORMANCE, LOW COST "MINITYPERS"*



APPLICATIONS

- Analog to digital converter output (Voltage, Current, Frequency)
- BCD Counter Output
- Telemetry Printout
- Computer flip-flop printout

OTHER MODELS AVAILABLE

- Printout from computer memory, drum, delay line, core register, paper tape or magnetic tape.
- Printout from communications link, "Dataphone", etc.
- High Speed Label Printing System
- Ticket issuing machines
- Ticker-tape machines

FEATURES

- **Speed** — 20 lines/sec. alphanumeric
40 lines/sec. numeric
- **Column Capacity** — 1 to 48 characters per line.
- **Compact Size** — Table top cabinet or 19" rack mount.
- **Ultra-Reliability** — Patented design gives printing mechanism virtually infinite life.
- **Mode of Operation** — Synchronous or asynchronous. (Ready-Strobe Operation)
- **Input Logic** — Will accept any input codes of up to 6 binary digits in accordance with customer specifications. Logic levels at any two voltages, plus or minus, with difference in levels of greater than 3 volts.
- **Electronics** — All solid state; self-contained power supply.
- **Options** — Multi-part forms with pressure sensitive paper. Decimal point insertion. Zero suppression. Mixed input codes. Special type fonts. Expandable column capacity (up to 48). Speeds in excess of 40 lines/sec. with special font and electronics. Militarized construction for extreme environments.
- **Guarantee** — 1 year unconditional.

NEW

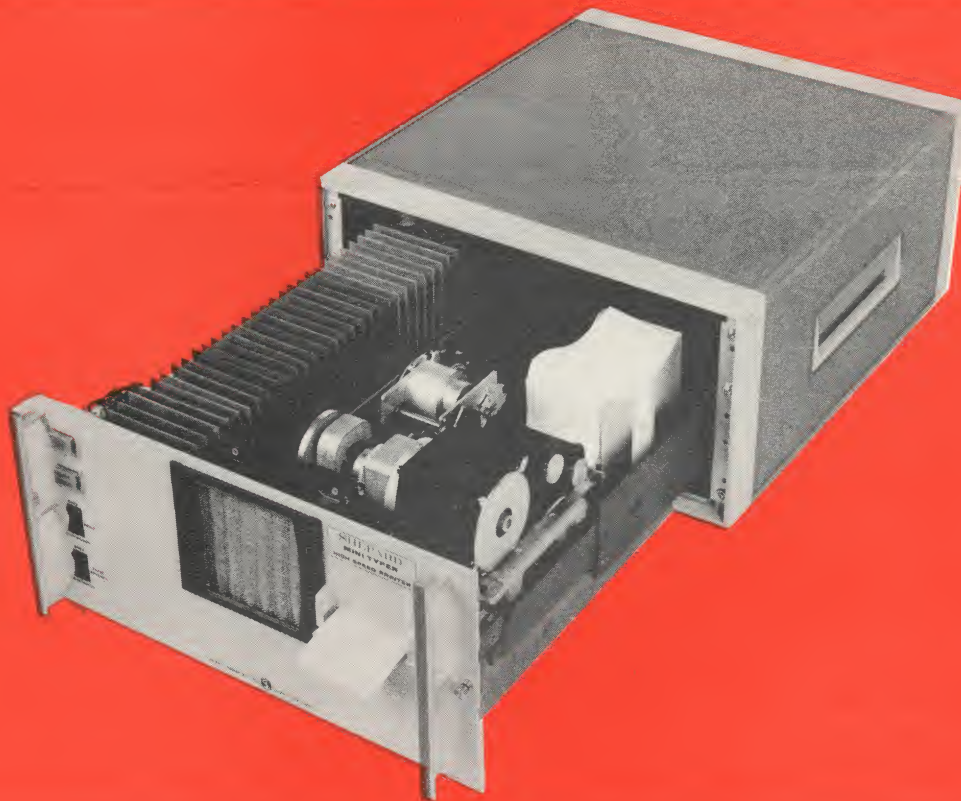
SHEPARD^{*}

"MINITYPER"^{*}

HIGH SPEED PRINTERS

Shepard Laboratories announces its new "Minityper" high-speed printers. These printers have been designed for highest reliability and utmost in speed at lowest possible prices. The company's 15 years of experience in building

printers for commercial and for military systems such as POLARIS, MINUTEMAN and MOBIDIC has contributed to the development of this new line.



UNIQUE FEATURES

■ Individual Character Wheels — Each print position is provided with its own individual character wheel. The characters on the wheel are precision formed of hardened steel by a unique rolling process.

■ Expansion Capability — The number of columns of print-out may be increased at any time by adding additional character wheels and associated printing elements.

■ Shepard Hammer Design — The patented Shepard hammer controls the print force to a finite, non-destructive value. This eliminates the need for penetration stops and prevents damage to hammer or print wheel even in the absence of ribbon or paper.

■ Hammer Firing Solenoids — The design of the hammer solenoids eliminates pivot wear and friction and provides much higher

efficiency. As a result, electrical drive requirements and mechanical vibrations are substantially reduced; long term timing accuracy is thus assured.

■ Pinch Feed — The paper feed is a pinch mechanism of utmost simplicity in which wear is effectively eliminated. This original design permits one line of paper advance between printing cycles in approximately 5 milliseconds.

OTHER SHEPARD PRODUCTS

Shepard Laboratories also manufactures line printers (up to 200 columns); low-cost ticker-tape printers; specialized incremental magnetic tape recorders; and Data Transmission Systems for telephone line transmission of digital information.

*"Shepard" and "Minityper" are trademarks of Shepard Laboratories, Inc. Shepard products are covered by many issued and pending patents.



SHEPARD LABORATORIES, INC.
480 MORRIS AVENUE, SUMMIT, N. J. 07901
(Area Code 201) 273-5255

REQUEST FOR QUOTATION

COMPANY _____ (Name and Address)

YOUR NAME and TITLE

TELEPHONE NUMBER

Area Code _____

DEPARTMENT _____

Telephone Ext. _____

SPECIFICATION

1. **COLUMNS** per line _____

Active columns _____

Blank spaces _____

2. **CHARACTERS SET:** Quantity _____

Alpha ☐ Numeric ☐ Symbols ☐

3. **COLUMN SPACING** _____ Characters/in. (hor.)

4. **LINE SPACING** _____ Characters/in. (ver.)

5. **PRINTING RATE** _____ Lines/Minute

6. **PAPER:** Width _____ in. Num. Copies _____

Roll ☐ Fanfold ☐

7. **FEED:** Sprocketed ☐
Unsprocketed ☐

8. **INPUT DATA SIGNAL**

Logic "O" _____ Volts: Logic I _____ Volts

Maximum Current _____ MA

9. **DATA INPUT RATE** _____ **CODE** _____

10. **BUFFER MEMORY REQUIREMENTS**

None ☐ 1 Line ☐ 2 Line ☐

11. **SIGNAL INPUT**

BIT; Serial ☐ CHARACTER; Serial ☐
Parallel ☐ Parallel ☐

12. **INPUT POWER**

110-120 Volts ☐ 200-250 Volts ☐ Other ☐
Single phase ☐ Other _____

13. **RFI — YOUR APPLICABLE SPECIFICATION**

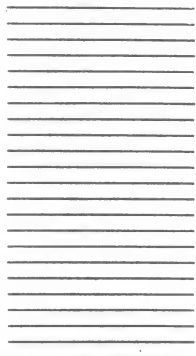
(attach copy if available)

14. **MANUFACTURING SPECIFICATION**

Commercial ☐ Government ☐

15. **QUANTITY** _____ **REQUIRED DELIVERY** _____

16. **SPECIAL INTERFACE DATA**



FIRST CLASS
MAIL
Permit # 444
Summit, N. J.

SHEPARD LABORATORIES, INC.
480 MORRIS AVENUE
SUMMIT, N. J. 07901

BUSINESS REPLY MAIL
NO POSTAGE STAMP NECESSARY IF MAILED IN U.S.

Thank you

Your recent request for literature is appreciated.
We trust that the enclosed brochure will provide you
with the information required.

We will prepare a quotation for a Shepard printer in compliance with your needs, if you will return this card indicating your specific requirements. Please enclose any other specifications or application data you feel are pertinent.

We welcome your inquiry and will be looking forward to hearing from you again.

Shepard Laboratories, Inc.
480 Morris Avenue
Summit, N. J.

Telephone: 201-273-5255

SHEPARD — PIONEER IN HIGH SPEED PRINTING DEVELOPMENT FOR FIFTEEN YEARS

STAPLE HERE

